



EXAMINATION ANNOUNCEMENT

CALIFORNIA ENERGY COMMISSION

ASSOCIATE ELECTRICAL ENGINEER

OPEN

**EXAMINATION PLAN –
NO WRITTEN TEST IS
REQUIRED**

The entire examination will consist of a structured qualification appraisal interview weighted 100% that may include pre-exposed interview questions, presentations, oral reports, role-playing exercises, in-basket activity, or preparation of written materials. In order to obtain a position on the eligible list, a minimum rating of 70.00% must be attained in the interview.

**QUALIFICATIONS
APPRAISAL**

It is anticipated that interviews will be held during December 2008 / January 2009.

**FILING
INSTRUCTIONS**

FILE BY MAIL OR IN PERSON WITH:

California Energy Commission
Selection, Training & EEO Office (Assoc E E)
1516 Ninth Street, MS #52
Sacramento, CA 95814

DO NOT SEND APPLICATIONS TO THE STATE PERSONNEL BOARD

Applications may be obtained at the State Personnel Board, any Employment Development Department in California, or the California Energy Commission. If you wish to download the application go to <http://www.spb.ca.gov/jobs/stateapp.htm>.

Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.

**SPECIAL TESTING
ARRANGEMENTS**

If you have a disability and need special testing arrangements, mark question #2 of the "Application for Examination." You will be contacted to make specific arrangements.

SALARY RANGE

\$6898 - \$8378

FINAL FILING DATE

OCTOBER 30, 2008

All applicants must submit an Application (STD 678) no later than the final filing date. Applications personally delivered or received via interoffice mail **after 5:00 p.m. on the final filing date will not be accepted for any reason. Applications and/or resumes submitted via facsimile (FAX) machines or electronically mailed (e-mail) will not be accepted.**

ASSOCIATE ELECTRICAL ENGINEER
HJ40 – 3603
8ER41

www.energy.ca.gov
(916) 653-6532
Final File Date: October 30, 2008

EQUAL EMPLOYMENT OPPORTUNITY TO ALL REGARDLESS OF RACE, COLOR, CREED, NATIONAL ORIGIN, ANCESTRY, SEX, MARITAL STATUS, DISABILITY, RELIGIOUS OR POLITICAL AFFILIATION, AGE OR SEXUAL ORIENTATION

**REQUIREMENTS FOR
ADMITTANCE TO THE
EXAMINATION**

It is your responsibility to make sure you meet the education and/or experience requirements stated below by the final filing date. Your signature on your application indicates you have read, understood and possess the basic qualifications required. **All applications/resumes must include: "to" and "from" dates (month/day/year); time base (full-time/part-time/number of hours per week/month); and civil service class titles where applicable. Applications/resumes received without this information will be rejected.**

**MINIMUM
QUALIFICATIONS**

EXPERIENCE: Three years of professional electrical engineering experience, at least two years of which shall have been in design and inspection work in at least two of the following fields: building illumination, outdoor and indoor flood lighting, power installations, communication systems or other complicated electric control systems, and comparable in responsibility to that of an Electrical Engineer, Range B, in the California state service.

AND

EDUCATION: Equivalent to graduation from college with major work in electrical engineering. (Additional qualifying experience may be substituted for the required education on a year – for – year basis.)

THE POSITION

Under direction, the Associate Electrical Engineer performs difficult electrical engineering design, drafting, and inspection work involved in the design and construction of complete State hospitals and institutions, office buildings, and industrial plants; and to do other related work.

Positions exist in Sacramento with the California Energy Commission.

SCOPE

Questions in the interview are designed to test broad knowledge of the topic under consideration and candidates should be prepared to respond to a wide variety of issues, both technical and procedural.

KNOWLEDGE OF

1. Electrical theory and practice and modern electrical equipment and apparatus;
2. Illumination design and application;
3. Various codes, safety orders, and regulations governing electrical work;
4. Specification writing, estimating and material listing;
5. Circuit design, power, light, signal and control distribution systems, overhead and underground, together with power distribution centers and substations;
6. Principles of effective supervision.

ABILITY TO

1. Review design work and ensure electrical plans and specifications are neat and accurate;
2. Plan and direct the work of others;
3. Establish and maintain cooperative relations with those contacted in the work;
4. Analyze situations accurately and take effective action;
5. Prepare correspondence and prepare reports.

**ADDITIONAL
DESIRED
QUALIFICATIONS**

Assessing and improving the electrical energy efficiency of home and office appliances, assessing and improving the electrical energy efficiency of commercial buildings and industrial operations, conducting energy use audits in residential, commercial or industrial facilities, utility electric power grid electrical connections, application of and the integrating of distributed generation, renewable technologies or energy storage technologies onto the utility electric power grid.

**ELIGIBLE LIST
INFORMATION**

A departmental open eligible list will be established for the California Energy Commission. The list will be abolished 12 months after it is established unless the needs of the service and

condition of the list warrant a change in this period.

**VETERANS
PREFERENCE POINTS**WILL NOT BE GRANTED IN THIS EXAMINATION

CAREER CREDITSDO NOT APPLY IN THIS EXAMINATION

ONLY INDIVIDUALS LAWFULLY AUTHORIZED TO WORK IN THE UNITED STATES WILL BE HIRED**GENERAL INFORMATION**

For an examination without a written feature it is the candidate's responsibility to contact the Examination Unit at (916) 653-6532, three weeks after the final filing date if he/she has not received a progress notice. If a candidate's notice of oral interview or performance test fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

If you meet the requirements stated on the reverse, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. Your performance in the examination will be compared with the performance of the others who take this test, and all candidates who pass will be ranked according to their scores.

The California Energy Commission reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) open eligible list. When there are two lists of the same kind, the older must be used first.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history, and fingerprinting may be required.

DO NOT SEND APPLICATIONS TO THE STATE PERSONNEL BOARD

California Relay (Telephone) Service for the Deaf or Hearing Impaired
From TDD Phones: 1-800-735-2929 – From Voice Phones 1-800-735-2922

TDD is a Telecommunication Device for the Deaf and is reachable only from telephones equipped with a TDD device.

IT IS AN OBJECTIVE OF THE STATE OF CALIFORNIA TO ACHIEVE A DRUG-FREE WORK PLACE. ANY APPLICANT FOR STATE EMPLOYMENT WILL BE EXPECTED TO BEHAVE IN ACCORDANCE WITH THIS OBJECTIVE BECAUSE THE USE OF ILLEGAL DRUGS IS INCONSISTENT WITH THE LAW OF THE STATE, THE RULES GOVERNING CIVIL SERVICE, AND THE SPECIAL TRUST PLACED IN PUBLIC SERVANTS.